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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentishity is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND To: Commissioner for Patents, Washington, DC 20231.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )	PATENT APPLICATION	
Wei Pan, Yoshi Ono, David Russell Evans, and Sheng Teng Hsu	Attorney Docket No. SLA0515	
09/819,296	March 13, 2003	
March 27, 2001	Group Art Unit 2811	
MULTI-LAYERED ) BARRIER METAL ) THIN FILMS FOR Cu ) INTERCONNECT ) BY ALCVD )	Examiner: Vu, Hung K.	
	Wei Pan, Yoshi Ono, David Russell Evans, and Sheng Teng Hsu  09/819,296  March 27, 2001  MULTI-LAYERED BARRIER METAL THIN FILMS FOR Cu INTERCONNECT	

## CERTIFICATE OF FACSIMILE UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being sent via facsimile transmission to the United States Patent and 'Trademark Office at facsimile number (703) 308-7722, on March 13, 2003.

Ingrid Mclaggart, Reg. No. 37,180
Signature Date March 13, 2003

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# RESPONSE UNDER 37 C.F.R. § 1.116 RESPONSE AFTER FINAL

### Via Facsimile Transmission

Hon. Commissioner for Patents Washington, D.C. 20231

Sir:

In response to the Final Office Action dated December 31, 2002, please amend the above-identified application as follows.

#### In the Claims:

Please amend claims 8, 14 and 21.

A clean version of the amended claims is shown on the following sheet(s), and a marked-up version, showing the changes made, is being submitted as Appendix A to this Amendment, pursuant to the amendment practice as specified in 37 C.F.R. section 1.121. Appendix B to this Amendment includes a copy of each currently pending claim in the application, including claims newly added and amended by this Response.